



**US Army Corps  
of Engineers**  
Honolulu District



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## **PORT ALLEN HARBOR HANAPEPE, ISLAND OF KAUAI**

**Project Location.** The harbor is located in Hanapepe Bay on the southern coast of Kauai.

**Authorization.** The project was authorized by the River and Harbor Acts of 30 August 1935 and 2 March 1945.

**Local Sponsor.** State of Hawaii.

**Completed Work.** The project consists of a 1,126-foot long rubblemound breakwater on the east side of the bay; an entrance channel 500 feet wide, 35 feet deep; and a harbor basin 1,200 feet wide, 1,500 feet long, and 35 feet deep.

The project was completed in 1948. On November 23, 1983, Hurricane Iwa destroyed about 60 feet of the seaward end of the breakwater. Based on damage assessments, HED determined not to rebuild the lost portion but to repair only the head of the shortened breakwater. This repair work was completed in January 1984 at a cost of \$294,900.

**Present Status.** Scheduled maintenance dredging of Port Allen in April 1993 was canceled based on the adequacy of present depths for vessels currently utilizing the harbor and in the foreseeable future. The cost of this project was \$1,837,513 (federal: \$1,637,513; non-federal: \$200,000 towards harbor construction).

The breakwater head again sustained damages caused by heavy storms in 1989. Breakwater head section repair work was completed in July 1991 at a federal cost of \$194,000. The breakwater suffered extensive damage from Hurricane Iniki. Repairs were completed in 1994 at a cost of \$834,000 (federal funds). Last maintenance dredging was done in April 1999 (21,000 cubic yards of material). Federal cost was \$274,000.